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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Application Number 09/855,320  
Filing Date May 14, 2001  
First Named Inventor Bayer, Robert J.  
Group Art Unit 1646  
Examiner Name  
Attorney Docket Number 019957-014110US

## U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	AA					
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## FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
mm	BA	WO	96/40881		The General Hospital Corporation	12/19/96	—	
mm	BB	WO	98/31826		Cytel Corporation	07/23/98	—	

Examiner Signature

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Date Considered

9/24/02

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheets 2 of 2

## Complete if Known

Application Number	09/855,320
Filing Date	May 14, 2001
First Named Inventor	Bayer, Robert J.
Group Art Unit	1646
Examiner Name	
Attorney Docket Number	019957-014110US

## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
DOML	1	COSTA, et al, "Stable Expression of the Golgi Form and Secretory Variants of Human Fucosyltransferase III from BHK-21 Cells, The Journal of Biological Chemistry (1997); 272 (17) 11613-11621 (USA)	
	2	DINTER, et al "Glycosylation engineering in Chinese hamster ovary cells using tricistronic vectors," Biotechnology Letters 22: (2000) 25-30	
DOML	3	WANG, et al "Identification of a GDP-L-fucose: polypeptide fucosyltransferase and enzymatic addition of O-linked fucose to EGF domains," Glycobiology (1996): 6(8) 837-842	

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Signature

Date  
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Sheet 2 of 3

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Application Number	09/855,320
Filing Date	May 14, 2001
First Named Inventor	Bayer, Robert J.
Group Art Unit	1420
Examiner Name	
Attorney Docket Number	019957-014110US

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mm2	AE	Dumas, <i>et al.</i> "Enzymatic Synthesis of Sialyl Le <sup>x</sup> and Derivatives Based on a Recombinant Fucosyltransferase" <i>Bioorganic &amp; Medicinal Chemistry Letters</i> (1991) Vol. 1(8), pp. 425-428. ✓	<input type="checkbox"/>
	AF	Ichikawa, <i>et al.</i> "Chemical-Enzymatic Synthesis and Conformational Analysis of Sialyl Lewis x and Derivatives" <i>J. Am. Chem. Soc.</i> (1992) Vol. 114, pp. 9283-9298. ✓	<input type="checkbox"/>
	AG	Kaneko, <i>et al.</i> "α1,3-Fucosyltransferase IX (Fuc-TIX) Is Very Highly Conserved Between Human and Mouse; Molecular Cloning, Characterization and Tissue Distribution of Human Fuc-TIX" <i>FEBS Letters</i> (1999) Vol. 425, p. 237-242. ✓	<input type="checkbox"/>
	AH	Kaneko, <i>et al.</i> "Assignment of the Human α 1,3-fucosyltransferase IX gene (FUT9) to Chromosome Band 6q16 by <i>In Situ</i> Hybridization" <i>Cytogenetics Cell and Cell Genetics</i> (1999) Vol. 86, pp. 329-330. ✓	<input type="checkbox"/>
	AI	Kimura, <i>et al.</i> "Reconstitution of Functional L-selectin Ligands on a Cultured Human Endothelial Cell Line by Cotransfection of α1→3 Fucosyltransferase VII and Newly Cloned GlcNAcβ:6-sulfotransferase cDNA" <i>Proc. Natl. Acad. Sci. USA</i> (April 1999) Vol. 96, pp. 4530-4535. ✓	<input type="checkbox"/>
	AJ	Kukowska-Latallo, <i>et al.</i> "A Cloned Human cDNA Determines Expression of a Mouse Stage-Specific Embryonic Antigen and the Lewis Blood Group α(1,3/1,4)fucosyltransferase" <i>Genes &amp; Development</i> (1990) Vol. 4, pp. 1288-1303. ✓	<input type="checkbox"/>
	AK	Leiter, <i>et al.</i> "Purification, cDNA Cloning, and Expression of GDP-L-Fuc:Asn-linked GLcNAc α1,3 Fucosyltransferase from Mung Beans" <i>The Journal of Biological Chemistry</i> (July 1999) Vol. 274(31), pp. 21830-21839. ✓	<input type="checkbox"/>
	AL	Mollicone, <i>et al.</i> "Acceptor Specificity and Tissue Distribution of Three Human α-3 Fucosyltransferases" <i>Eur. J. Biochem. FEBS</i> (1990) Vol. 191, pp. 169-176. ✓	<input type="checkbox"/>
	AM	Nunez, <i>et al.</i> "The Synthesis and Characterization of α - and β - L-fucopyranosyl phosphates and GDP fucose" <i>Can. J. Chem</i> (1981) Vol. 59, pp. 2086-2095. ✓	<input type="checkbox"/>
mm2	AN	Palic, <i>et al.</i> "Enzymic Synthesis of Oligosaccharides Terminating in the Tumor-Associated Sialyl-Lewis-a Determinant" <i>Carbohydrate Research</i> (1989) Vol. 190, pp. 1-11. ✓	<input type="checkbox"/>

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Sheet 3 of 3

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Application Number	09/855,320
Filing Date	May 14, 2001
First Named Inventor	Bayer, Robert J.
Group Art Unit	1420
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Attorney Docket Number	019957-014110US

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mm2	AO	Prieels, <i>et al.</i> "Co-purification of the Lewis Blood Group N-Acetylglucosaminide $\alpha$ 1 $\rightarrow$ 4Fucosyltransferase and an N-Acetylglucosaminide $\alpha$ 1 $\rightarrow$ 3Fucosyltransferase from Human Milk" <i>J. of Biological Chemistry</i> (October 1981) Vol. 256(20), pp. 10456-10463. ✓	<input type="checkbox"/>
	AP	Rasko, <i>et al.</i> "Cloning and Characterization of the $\alpha$ (1,3/4) Fucosyltransferase of <i>Helicobacter pylori</i> " <i>J. of Biological Chemistry</i> (February 2000) Vol. 275(7), pp. 4988-4994. ✓	<input type="checkbox"/>
	AQ	Staudacher, Erika "α1,3Fucosyltransferase" <i>Trends in Glycoscience and Glycotechnology</i> (November 1996) Vol. 8(44), pp. 391-408. ✓	<input type="checkbox"/>
	AR	Trottein, <i>et al.</i> "Molecular Cloning of a Putative α3-fucosyltransferase from <i>Schistosoma mansoni</i> " <i>Molecular and Biochemical Parasitology</i> (2000) Vol. 107, pp.279-287. ✓	<input type="checkbox"/>
	AS	van Tetering, <i>et al.</i> "Characterization of a Core α1 $\rightarrow$ 3Fucosyltransferase from the Snail <i>Lymnaea stagnalis</i> that is Involved in the Synthesis of Complex-type N-glycans" <i>FEBS Letters</i> (1999) vol. 461, pp. 311-314. ✓	<input type="checkbox"/>
mm2	AT	Wang, <i>et al.</i> "Novel <i>Helicobacter pylori</i> α1,2-fucosyltransferase, a Key Enzyme in the Synthesis of Lewis Antigens" <i>Microbiology</i> (1999) Vol. 145, pp. 3245-3253.	<input type="checkbox"/>

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**09/855.320**

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